
**IMPLANTABLE MEDICAL DEVICE HAVING
ATRIAL TACHYARRHYTHMIA PREVENTION THERAPY**

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Abstract

10 An implantable medical device provides atrial arrhythmia
prevention pacing when an interatrial conduction disturbance is detected.
The implantable medical device includes a signal processor that detects
the interatrial conduction disturbance and a pulse generator circuit coupled
to the detector that delivers the atrial arrhythmia prevention pacing pulses
15 to the heart when the processor detects the interatrial conduction
disturbance. The interatrial conduction disturbance may be a P-wave
duration, a difference between odd and even P-waves, or a predetermined
P-wave spectral energy distribution.

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